



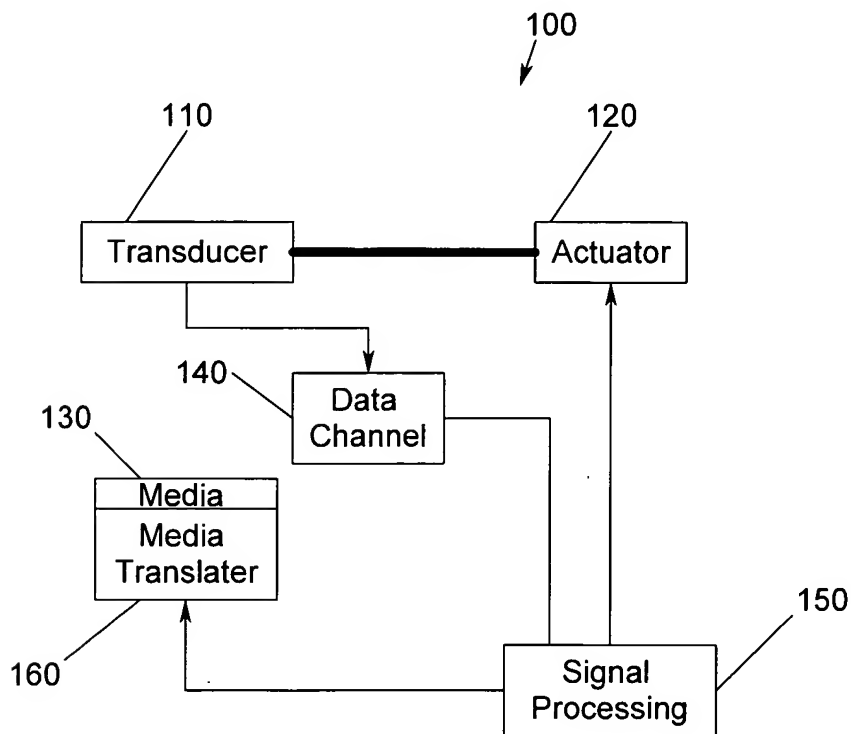
# Replacement Sheet

Title: METHOD AND APPARATUS FOR ENHANCING THERMAL STABILITY,  
IMPROVING BIASING AND REDUCING DAMAGE FROM ELECTROSTATIC  
DISCHARGE IN SELF-PINNED ABUTTED JUNCTION HEADS  
HAVING A FIRST SELF-PINNED LAYER EXTENDING  
UNDER THE HARD BIAS LAYERS

Applicants: Gill, et al.

Docket: HSJ920030016US2/HITG.054PA

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**Fig. 1**  
Prior Art

Replacement Sheet

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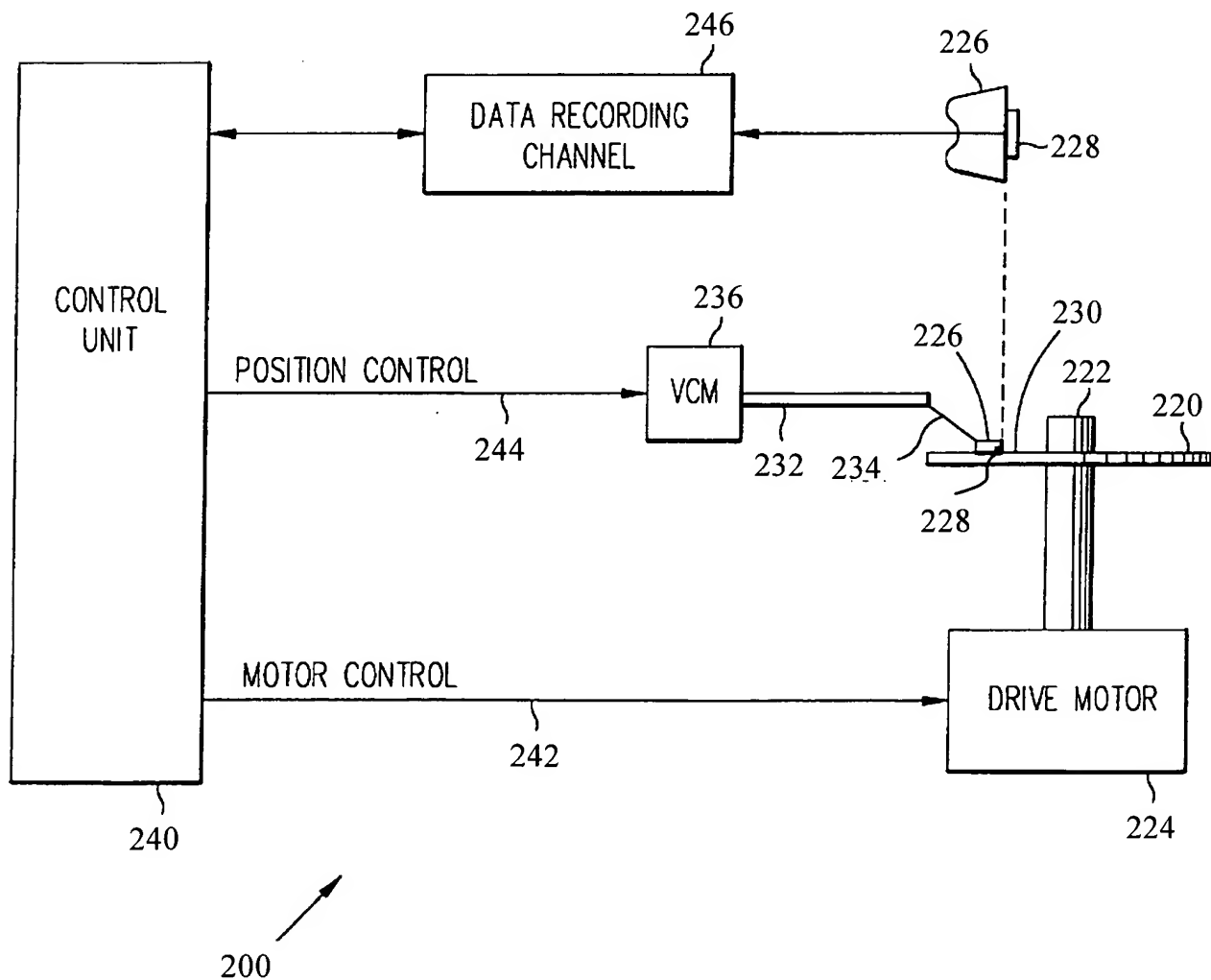


Fig. 2

Prior Art

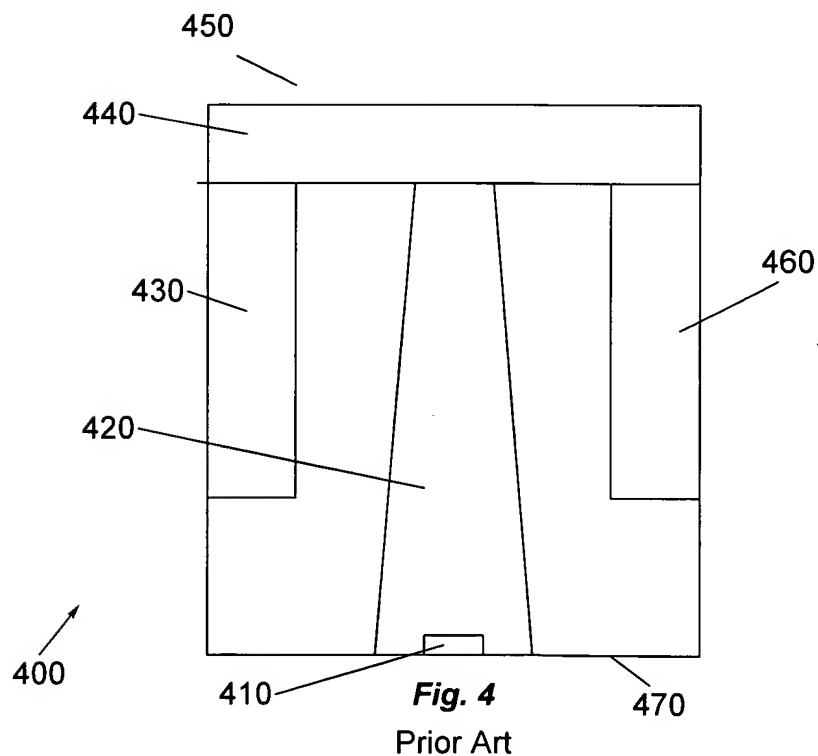
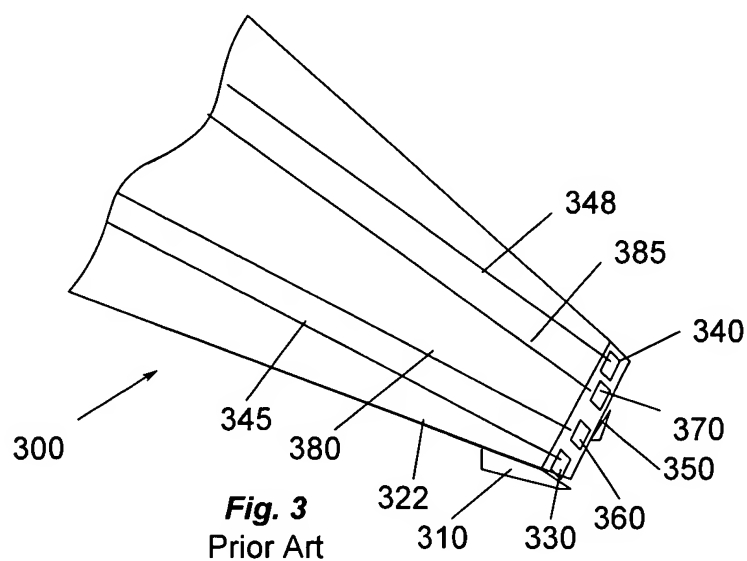
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IMPROVING BIASING AND REDUCING DAMAGE FROM ELECTROSTATIC  
DISCHARGE IN SELF-PINNED ABUTTED JUNCTION HEADS HAVING A  
FIRST SELF-PINNED LAYER EXTENDING UNDER THE HARD BIAS LAYERS

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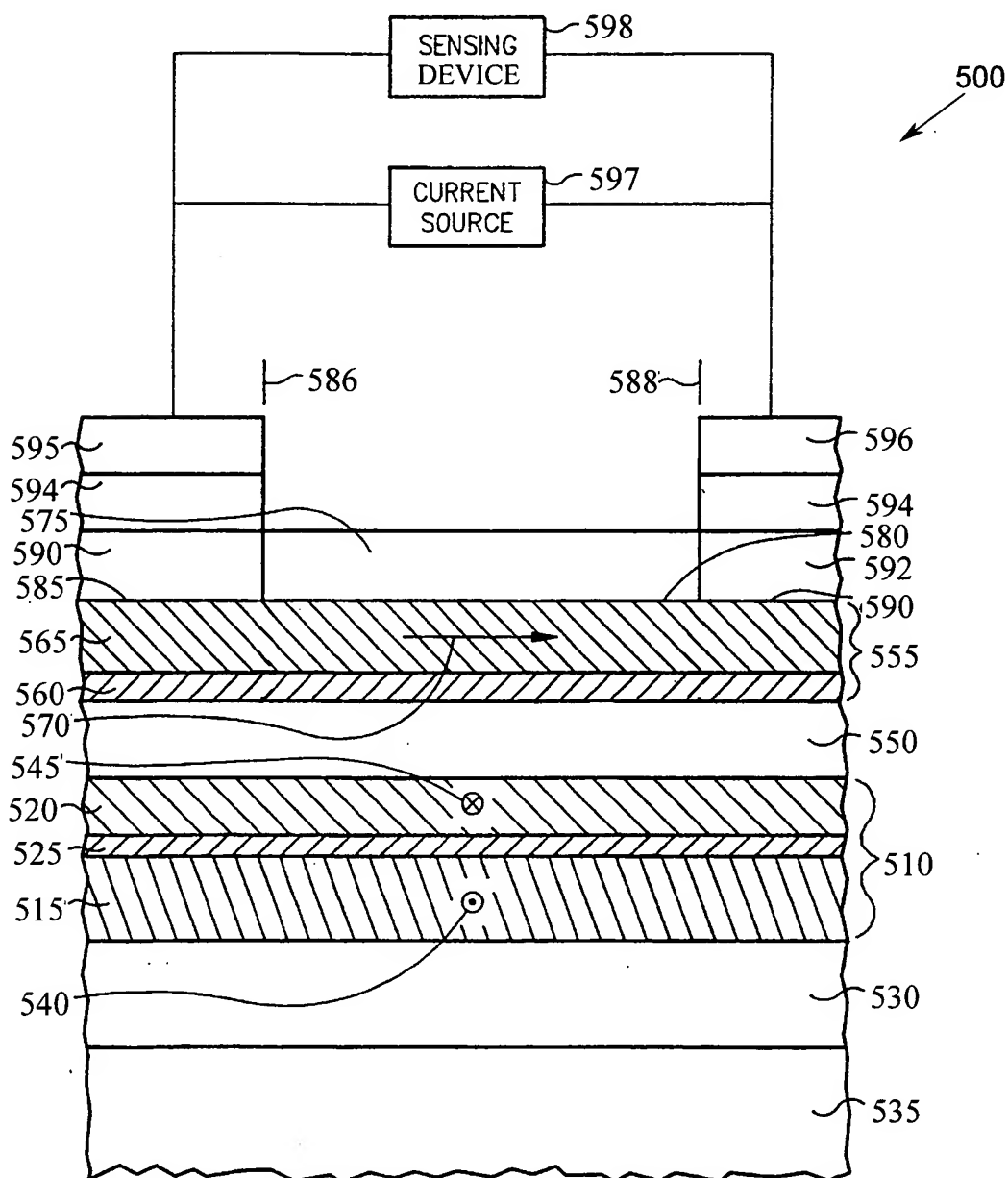


Fig. 5

## Prior Art

Replacement Sheet

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THERMAL STABILITY, IMPROVING BIASING AND  
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IN SELF-PINNED ABUTTED JUNCTION HEADS  
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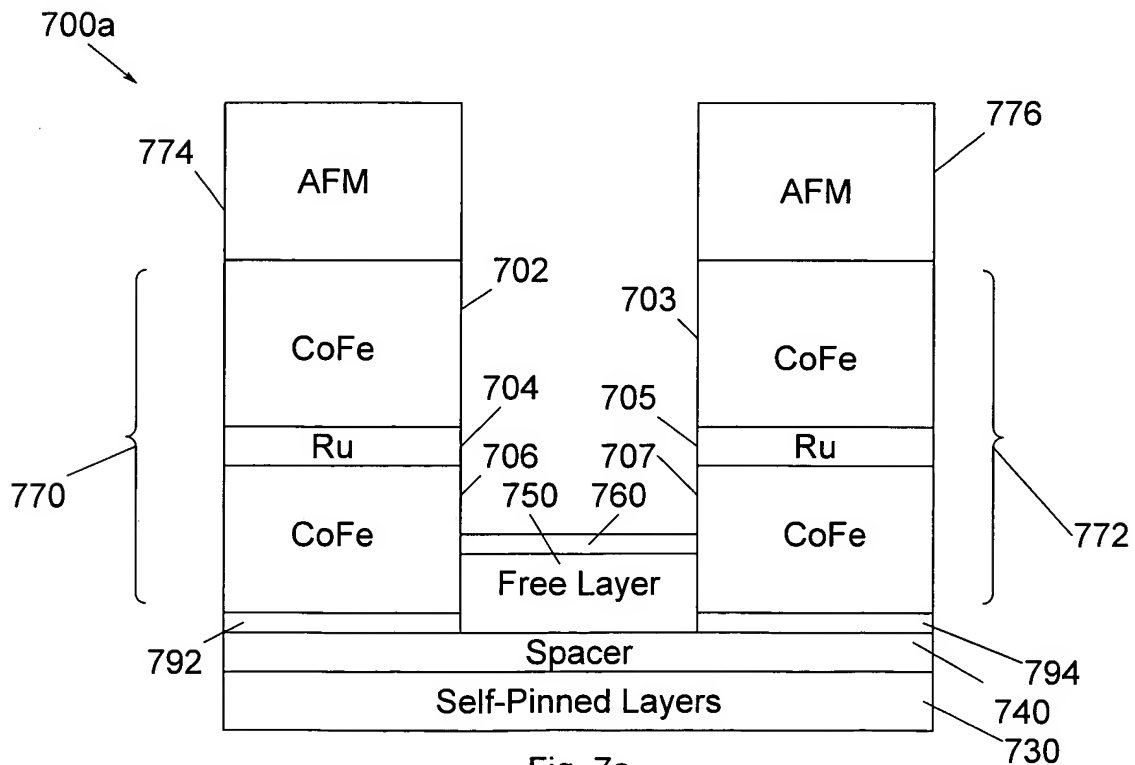


Fig. 7a .

Replacement Sheet

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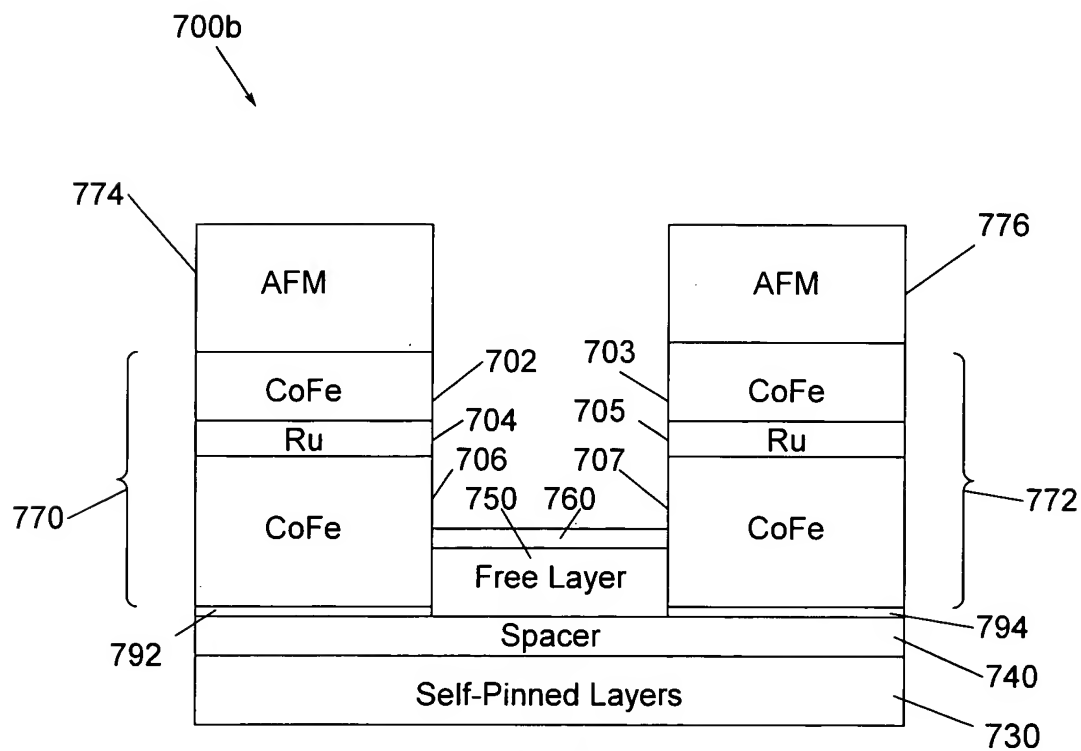


Fig. 7b

Replacement Sheet

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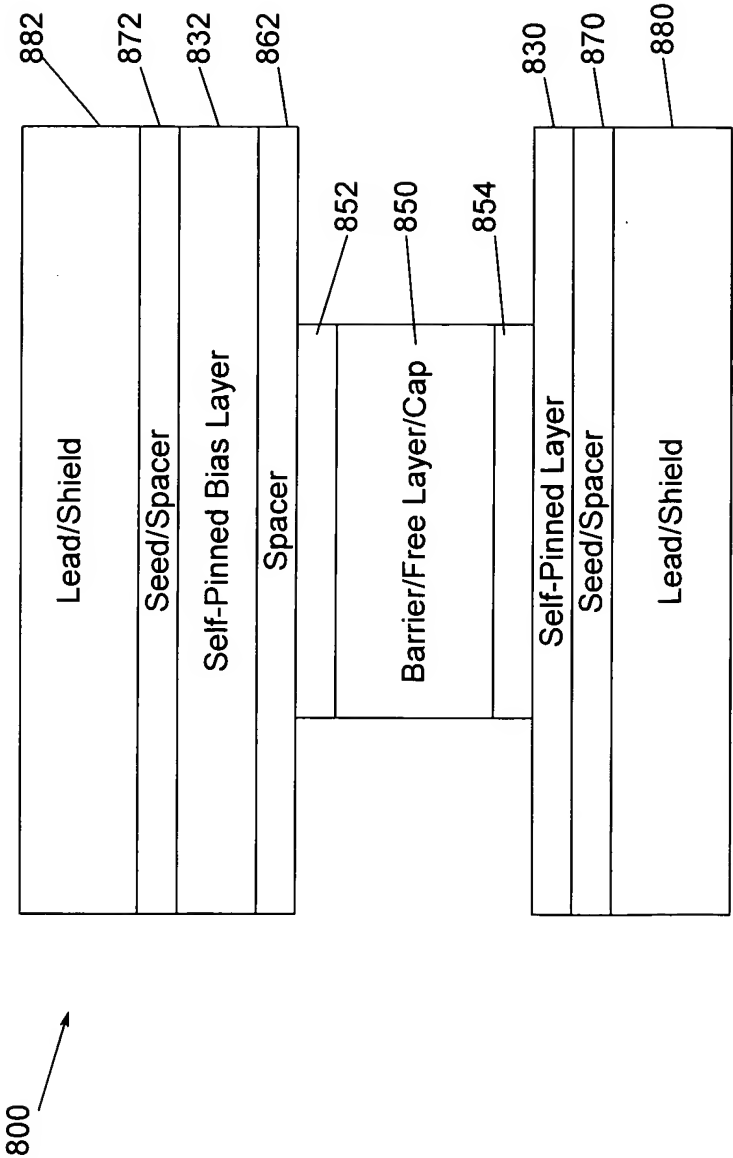


Fig. 8